



INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO.
44046.203.160.4.2SERIAL NO.
10/009,291APPLICANT
O'Shaughnessy et al.FILING
05 November 2001GROUP
1775

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
GBR	1,256,818	2/1918	Nile			
	3,925,182	12/1975	Carmichael et al.	204	192	
	4,576,864	3/1986	Krautter et al.	428	328	
	4,894,133	1/1990	Hedgcoth	204	192.15	
	5,020,288	6/1991	Swensen	52	202	
	5,394,269	2/1995	Takamatsu et al.	359	580	
	5,453,459	9/1995	Roberts	524	123	
	5,520,996	5/1996	Balian et al.	428	216	
	5,594,585	1/1997	Komatsu	359	512	
	5,599,422	2/1997	Adams Jr. et al.	156	510	
	5,624,760	4/1997	Collins et al.	428	426	
	5,674,658	10/1997	Burberry et al.	430	262	
GBR	5,683,561	11/1997	Hollars et al.	204	298.25	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
GBR	WO 97/37946	Oct 1997	PCT				
	WO 00/37377	02 Feb 1999	PCT				
	WO 00/50354	31 Aug 2000	PCT				
	WO 00/37376	06 Aug 1999	PCT				
GBR	DE 43 13 284	27 Oct 1994	DE			Y	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

4/5/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO.
44046.203.160.4.2SERIAL NO.
10/009,291APPLICANT
O'Shaughnessy et alFILING
05 November 2001GROUP
1775

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
COBP	5,733,660	3/1998	Makita et al.	428	426	
↓	5,762,674	6/1998	Maltby, Jr. et al.	65	60.1	
↓	5,866,199	2/1999	Swidler	427	154	
↓	5,972,184	10/1999	Hollars et al.	204	298.09	
↓	6,124,044	9/2000	Swidler	428	500	
GBP	6,156,171	12/2000	Hollars et al.	204	298.25	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
GBP	EP 0 637 572	05 Aug 1994	EP				
↓	EP 0 820 967 A1	23 Jul 1997	EP				
↓	57-140339	8/1982	JP				N
↓	61-91042	5/1986	JP			Y	
GBP	64-14129	1/1989	JP				N

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

--	--

EXAMINER

DATE CONSIDERED

4/5/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.